

**Summary data of land-based test equipment operation**

Average flow rate of each test cycles and NEO-CHLOR MARINE<sup>TM</sup> average injection rate and average TRO concentration of each test cycles are shown in table 1 and table2 respectively.

Table 1 Average flow rate of each test cycles

| Test cycle | Date                 | Salinity [PSU] | Average flow rate [m <sup>3</sup> /h] |                    |                          |                            |
|------------|----------------------|----------------|---------------------------------------|--------------------|--------------------------|----------------------------|
|            |                      |                | Ballasting Day 0                      | Deballasting Day 5 | Control ballasting Day 0 | Control deballasting Day 5 |
| 1          | 8th Jun-13th Jun 11  | 35.11          | 292                                   | 299                | 295.4                    | 298                        |
| 2          | 15th Jun-20th Jun 11 | 35.01          | 289                                   | 301                | 300.9                    | 304                        |
| 3          | 22nd Jun-27th Jun 11 | 35.11          | 290.0                                 | 297                | 301.1                    | 299                        |
| 4          | 29th Jun-4th Jul 11  | 33.20          | 285.7                                 | 300                | 296.8                    | 300                        |
| 5          | 6th Jul-11th Jul 11  | 33.79          | 278.9                                 | 301                | 299.4                    | 303                        |
| 6          | 3rd Aug-8th Aug 11   | 21.13          | 273.0                                 | 299                | 295.5                    | 303                        |
| 7          | 10th Aug-15th Aug 11 | 21.20          | 264.1                                 | 301                | 295.3                    | 302                        |
| 8          | 17th Aug-22nd Aug 11 | 21.98          | 265.8                                 | 301                | 295.1                    | 301                        |
| 9          | 24th Aug-29th Aug 11 | 21.56          | 264.8                                 | 300                | 293.0                    | 301                        |
| 10         | 31st Aug-5th Sep 11  | 21.92          | 251.0                                 | 302                | 291.5                    | 301                        |

Table 2 NEO-CHLOR MARINE average injection rate and average TRO concentration of each test cycles

| Test cycle | Date                 | Salinity [PSU] | NEO-CHLOR MARINE <sup>TM</sup><br>Average Injection rate [mg/l as Cl <sub>2</sub> ] | TRO Concentration [mg/L as Cl <sub>2</sub> ] |                       |                      |
|------------|----------------------|----------------|---|--|-----------------------|----------------------|
|            |                      |                |   | Ballasting Day 0                             | Deballasting Day 5    |                      |
|            |                      |                |   |  | Before neutralization | After neutralization |
| 1          | 8th Jun-13th Jun 11  | 35.11          | 9.63  | 9.0  | 3.77                  | -0.06                |
| 2          | 15th Jun-20th Jun 11 | 35.01          | 9.71  | 7.8  | 2.39                  | -0.12                |
| 3          | 22nd Jun-27th Jun 11 | 35.11          | 9.68  | 8.86   | 2.46                  | -0.14                |
| 4          | 29th Jun-4th Jul 11  | 33.20          | 9.82  | 8.78   | 2.76                  | -0.18                |
| 5          | 6th Jul-11th Jul 11  | 33.79          | 9.86  | 8.02   | 2.98                  | -0.18                |
| 6          | 3rd Aug-8th Aug 11   | 21.13          | 9.79  | 7.61   | 1.42                  | -0.06                |
| 7          | 10th Aug-15th Aug 11 | 21.20          | 9.62  | 7.7  | 1.03                  | -0.08                |
| 8          | 17th Aug-22nd Aug 11 | 21.98          | 9.76  | 9.04   | 1.23                  | -0.13                |
| 9          | 24th Aug-29th Aug 11 | 21.56          | 9.84  | 8.1  | 1.19                  | -0.13                |
| 10         | 31st Aug-5th Sep 11  | 21.92          | 9.65  | 7.65   | 2.02                  | -0.11                |